

Deaths

Notice: 1999 deaths were coded using the new ICD-10 coding system.
(see Technical Notes pages 138-139)

There were 24,380 resident deaths recorded in Kansas during 1999, an increase of 1.9 percent from the 1998 total of 23,928. (Table 35)

Comanche, Osborne, Decatur and Smith counties had the highest five-year (1995-1999) county death rates of 18.3, 17.2, 16.8, and 16.8 deaths per 1,000 population respectively. Riley, Douglas, and Finney counties had the lowest five-year death rates of 4.3, 5.4, and 5.5 deaths per 1,000 population respectively. (Table 35, Figure 30)

Belleville, Eureka, and Neodesha had the highest five-year city death rates (1995-1999) of 25.1, 21.9, and 20.3 respectively. Olathe, Lawrence, and Mission Hills experienced the lowest five-year city death rates of 4.7, 4.9 and 5.1 respectively. (Table 36)

The Kansas death rate in 1999 was 9.2 deaths per 1,000 population, which was 7.0 percent higher than the estimated U.S. rate of 8.6 deaths per 1,000 population. (Figure 31)

The Kansas age-adjusted death rate per 1,000 standard U.S. 2000 population has been consistently below that of the U.S. during the 1990's. (Table 38, Figure 32)

The state's 1999 age-adjusted death rate for males (10.2) was almost 42 percent higher than the rate of 7.2 for females. (Table 38)

The average age at death of Kansas residents in 1999 was 74.3 years, a 1.9 percent increase from the average age at death of 72.9 years in 1989. (Figure 33, Table 39)

The average age at death for the white population in 1999 was 75.0 years, over eleven years older than that of the black population, whose average age at death was 63.3 years. (Table 40)

The two leading causes of death in Kansas in 1999, heart disease and malignant neoplasms, had average ages at death of 79.3 and 71.3 years respectively. Atherosclerosis, with an average age at death of 85.7 years, had the highest average age at death of any of the leading causes of death. (Table 43)

The average age at death for male unintentional injury victims for 1989 and 1999 was 43.1 and 48.9 respectively, while for females the average age was 53.5 and 59.2 years respectively. For this time period, the average age at death increased for female unintentional injury victims 10.7 percent while for male unintentional injury victims it increased 13.5 percent. (Table 43)

The cause-specific death rate for Alzheimer's Disease in Kansas was 19.2 deaths per 100,000 population in 1999. The rate for females (26.8) was more than twice as high as the rate for males (11.3). (Table 43)

Deaths (Cont.)

The cancer death rate for 1999 was 200.3 deaths per 100,000 population, 1.3 percent higher than the rate of 197.7 in 1989. (Tables 43 and 44)

In 1999, the unintentional injury death rate was 42.4 deaths per 100,000 population, 11.6 percent higher than the rate of 38.0 in 1989. (Tables 43 and 44)

The age-adjusted death rate for the leading cause of death, heart disease, was 236.8, and for cancer, the second leading cause of death, the age-adjusted death rate was 192.3 per 100,000 standard U.S. 2000 population. Together, these two causes accounted for 50 percent of all Kansas resident deaths. (Table 44)

Heart disease reached a high of 393.4 deaths per 100,000 population in 1973 and gradually declined to 262.1 deaths per 100,000 population in 1999. Conversely, cancer rates have steadily increased from 140.6 to 207.1 deaths per 100,000 population in 1956 and 1996 respectively. In 1997, the cancer death rate decreased to 200.3 deaths per 1,000 population, and it decreased further to 194.3 in 1998 before returning to 200.3 in 1999. (Figure 34)

In 1999, Kansans died from cerebrovascular disease at slightly more than half the rate of forty years ago, with the death rates for this disease going from 127.2 in 1959 to 69.2 in 1999. The death rate for unintentional injury also declined, going from 58.4 in 1959 to 42.4 in 1999, a 27.4 percent decrease. (Figure 34)

In 1999, unintentional injuries were the leading cause of death for Kansas residents 1-44 years of age. (Figure 35)

In 1999, cancer of the digestive organs, respiratory and intrathoracic organs, and breast were the leading causes of cancer deaths in women. (Table 46)

The dominant occupations for deaths due to unintentional injuries and homicides were operators, fabricators and laborers. (Table 50)

Mortality in Kansas was responsible for 189,464 years of potential life lost in 1999. Cancer was the second leading cause of death in Kansas, but accounted for the most years of potential life lost (43,265). Unintentional injuries represented almost two times the years of potential life lost among men (18,731 years) compared to women (10,221 years). (Table 52, Figure 36)

Death Rates By County Of Residence Kansas, 1999

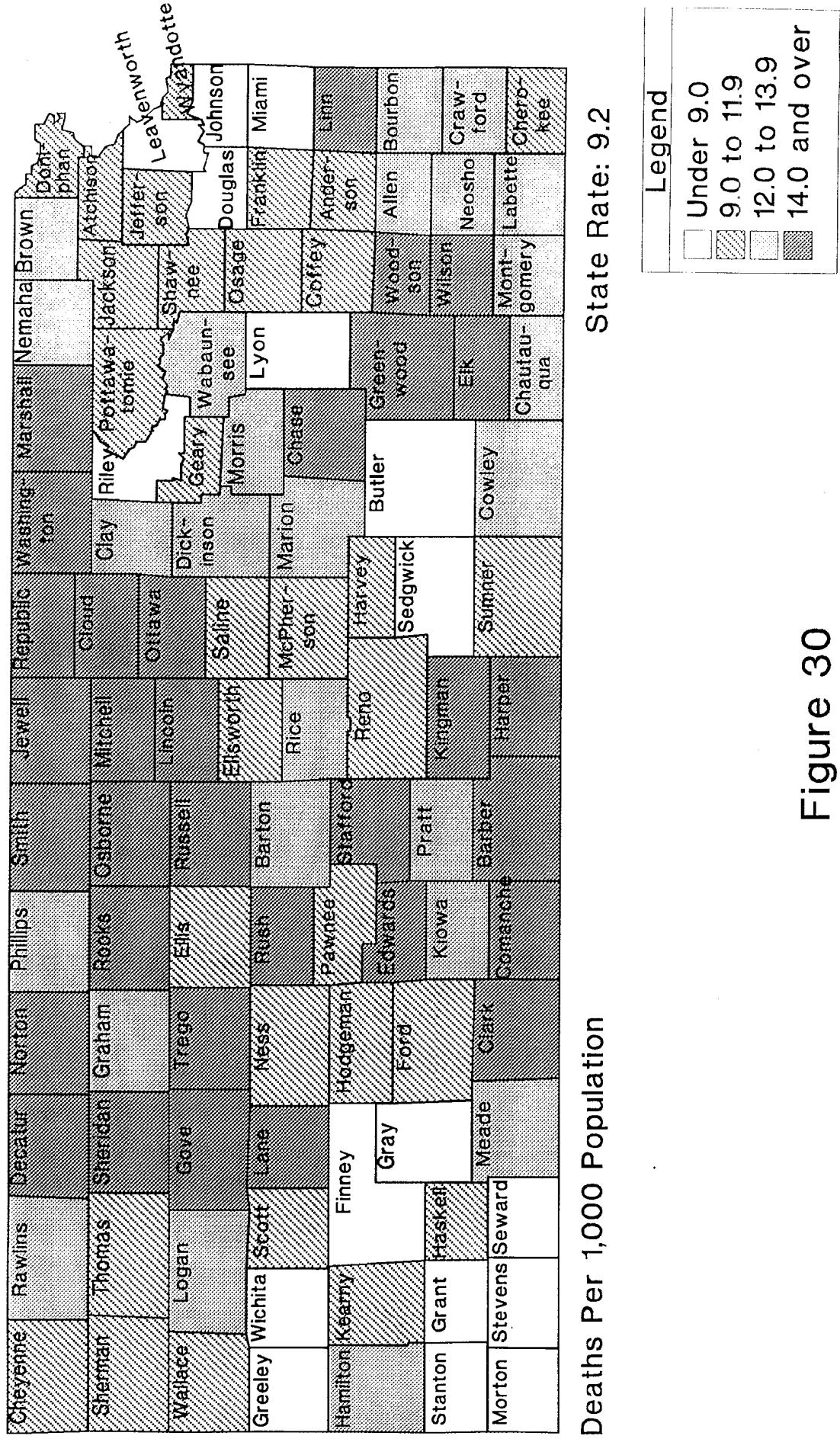


Figure 30

Table 35
Deaths By Number And Rate*
By County Of Residence
Kansas, 1995-1999

County of Residence	Year										5-Year Rate	
	1995		1996		1997		1998		1999			
	Number	Rate										
Kansas.....	23,807	9.3	23,788	9.2	23,609	9.1	23,928	9.1	24,380	9.2	9.2	
Allen.....	200	13.6	177	12.1	183	12.7	183	12.6	195	13.5	12.9	
Anderson.....	129	16.1	104	12.9	99	12.3	103	12.8	91	11.2	13.1	
Atchison.....	179	11.0	170	10.5	181	11.1	203	12.0	190	11.3	11.2	
Barber.....	82	14.6	95	17.3	88	16.3	93	17.4	74	14.1	15.9	
Barton.....	330	11.5	305	10.9	302	10.8	311	11.3	350	12.2	11.3	
Bourbon.....	206	13.7	216	14.2	210	13.8	222	14.5	196	13.1	13.9	
Brown.....	153	13.8	169	15.4	160	14.5	151	13.6	134	12.3	13.9	
Butler.....	480	8.3	479	8.1	474	7.9	482	7.8	512	8.2	8.1	
Chase.....	46	15.9	45	15.6	39	13.5	46	15.6	53	18.6	15.8	
Chautauqua.....	72	16.2	50	11.4	85	19.3	68	15.6	56	13.1	15.1	
Cherokee.....	282	12.6	282	12.5	280	12.4	274	12.1	259	11.6	12.2	
Cheyenne.....	39	12.1	39	12.1	40	12.5	42	13.2	33	10.2	12.0	
Clark.....	36	15.1	37	15.5	41	16.8	42	17.8	37	15.8	16.2	
Clay.....	137	14.7	117	12.6	145	15.7	118	12.9	117	13.0	13.8	
Cloud.....	165	15.7	179	17.5	146	14.3	161	16.1	150	15.0	15.7	
Coffey.....	103	11.9	94	10.8	97	11.1	106	12.2	84	9.6	11.1	
Comanche.....	39	18.6	40	19.3	49	24.2	18	8.9	40	20.5	18.3	
Cowley.....	466	12.6	399	10.8	406	11.1	405	11.2	475	12.9	11.7	
Crawford.....	507	13.9	467	12.9	465	12.9	479	13.2	456	12.5	13.1	
Decatur.....	62	17.5	60	17.0	64	18.1	58	16.8	49	14.5	16.8	
Dickinson.....	245	12.3	222	11.2	232	11.8	270	13.7	274	13.9	12.6	
Doniphan.....	89	11.7	82	10.6	84	11.0	87	11.1	82	10.3	10.9	
Douglas.....	494	5.6	518	5.8	439	4.8	514	5.5	498	5.1	5.4	
Edwards.....	62	17.4	61	17.6	46	13.4	57	17.2	56	17.1	16.5	
Elk.....	59	17.6	62	18.3	36	10.7	57	17.0	65	19.2	16.6	
Ellis.....	237	9.1	246	9.4	225	8.5	240	9.1	241	9.2	9.1	
Ellsworth.....	92	14.3	82	12.9	100	15.9	91	14.5	70	11.3	13.8	
Finney.....	196	5.6	200	5.6	195	5.4	212	5.8	193	5.2	5.5	
Ford.....	262	9.1	250	8.5	259	8.9	244	8.3	274	9.3	8.8	
Franklin.....	236	10.2	257	10.9	296	12.4	271	10.9	231	9.2	10.7	
Geary.....	225	7.6	179	6.8	182	7.2	232	9.1	229	9.2	8.0	
Gove.....	35	11.3	34	11.0	46	14.9	45	14.7	48	15.9	13.6	
Graham.....	47	14.1	51	15.6	36	11.1	41	12.8	38	12.2	13.2	
Grant.....	48	6.1	44	5.7	60	7.6	59	7.4	51	6.5	6.7	
Gray.....	52	9.7	42	7.6	48	8.7	54	9.7	34	6.1	8.4	
Greeley.....	24	13.1	23	13.1	23	13.3	24	14.1	13	7.9	12.3	
Greenwood.....	112	13.9	122	15.1	131	16.3	146	17.9	136	17.1	16.1	
Hamilton.....	26	11.1	26	11.3	29	12.7	30	12.8	32	13.5	12.3	
Harper.....	112	16.8	104	15.9	119	18.3	81	12.6	108	17.1	16.1	
Harvey.....	304	9.8	324	10.4	339	10.7	344	10.0	353	10.3	10.2	
Haskell.....	31	7.7	20	5.1	24	6.0	22	5.5	38	9.4	6.7	
Hodgeman.....	30	13.2	28	12.6	24	10.8	25	11.3	25	11.2	11.8	
Jackson.....	134	11.3	110	9.2	154	12.8	141	11.6	144	11.8	11.3	
Jefferson.....	153	8.9	161	9.2	165	9.2	126	6.9	166	9.1	8.7	
Jewell.....	48	12.1	60	15.0	52	13.1	52	13.4	66	17.4	14.2	
Johnson.....	2,314	5.8	2,347	5.7	2,327	5.6	2,455	5.7	2,689	6.1	5.8	
Keamy.....	32	7.7	25	5.9	46	11.0	29	6.9	48	11.6	8.6	
Kingman.....	102	11.9	105	12.3	100	11.7	86	10.1	122	14.1	12.0	
Kiowa.....	37	10.3	29	8.1	35	10.2	38	11.0	45	13.4	10.6	
Labette.....	291	12.7	320	14.0	284	12.4	298	12.9	276	12.0	12.8	
Lane.....	32	14.1	13	5.9	15	6.9	25	11.0	35	16.1	10.8	
Leavenworth.....	492	7.1	493	7.1	488	7.0	508	7.1	518	7.2	7.1	
Lincoln.....	58	16.9	47	13.9	48	14.4	58	17.4	48	14.4	15.4	
Linn.....	138	15.9	130	14.5	121	13.3	122	13.3	130	14.0	14.2	
Logan.....	31	9.8	36	11.6	45	14.8	36	12.1	37	12.6	12.2	

Table 35
Deaths By Number And Rate*
By County Of Residence
Kansas, 1995-1999

County of Residence	Year										5-Year Rate	
	1995		1996		1997		1998		1999			
	Number	Rate										
Lyon.....	283	8.2	331	9.6	293	8.6	294	8.7	280	8.3	8.7	
Marion.....	231	17.8	189	14.7	168	13.0	173	12.7	188	13.9	14.4	
Marshall.....	166	14.7	172	15.2	174	15.6	164	14.9	155	14.2	14.9	
McPherson.....	287	10.5	297	10.8	310	11.2	344	12.0	336	11.7	11.2	
Meade.....	39	9.0	53	11.9	65	14.8	53	12.0	53	12.0	11.9	
Miami.....	258	10.2	225	8.7	254	9.7	247	9.3	228	8.4	9.3	
Mitchell.....	112	15.8	124	17.5	106	15.1	111	16.0	100	14.4	15.8	
Montgomery.....	501	13.3	485	13.0	473	12.7	473	12.8	472	12.8	12.9	
Morris.....	75	11.9	85	13.4	83	13.4	82	13.3	75	12.1	12.8	
Morton.....	35	10.6	34	10.3	29	8.6	34	9.9	22	6.3	9.1	
Nemaha.....	167	16.0	158	15.2	145	14.1	154	15.2	138	13.6	14.8	
Neosho.....	220	12.9	213	12.6	192	11.3	204	12.2	205	12.3	12.3	
Ness.....	51	13.6	64	17.5	55	15.1	44	12.2	39	10.9	13.9	
Norton.....	63	11.0	73	12.7	70	12.0	89	15.5	83	14.7	13.2	
Osage.....	182	10.9	182	10.9	187	10.9	166	9.7	181	10.5	10.6	
Osborne.....	88	18.7	85	18.5	75	16.6	71	15.1	79	17.2	17.2	
Ottawa.....	68	11.8	88	15.1	82	14.1	66	11.2	95	16.1	13.7	
Pawnee.....	77	10.1	72	9.6	91	12.6	82	11.0	85	11.8	11.0	
Phillips.....	97	15.5	95	15.3	93	15.3	79	13.0	83	13.9	14.6	
Pottawatomie.....	146	8.3	167	9.3	166	9.1	165	8.8	176	9.3	9.0	
Pratt.....	103	10.6	118	12.1	115	11.8	122	12.6	115	12.1	11.8	
Rawlins.....	37	11.4	45	13.9	39	12.1	39	12.5	42	13.9	12.8	
Reno.....	669	10.6	638	10.1	633	10.1	685	10.8	697	10.9	10.5	
Republic.....	105	16.9	103	16.5	94	15.3	102	16.7	107	17.9	16.7	
Rice.....	138	13.7	119	11.8	128	12.8	130	12.5	132	12.9	12.7	
Riley.....	264	3.8	289	4.5	258	4.1	261	4.1	323	5.1	4.3	
Rooks.....	83	14.1	91	15.6	92	16.1	70	12.4	83	14.8	14.6	
Rush.....	56	15.8	48	13.6	67	19.5	51	14.9	60	17.8	16.3	
Russell.....	127	16.5	104	13.6	108	14.2	89	11.8	114	15.3	14.3	
Saline.....	453	8.7	490	9.5	530	10.3	500	9.7	480	9.3	9.5	
Scott.....	54	10.6	69	13.7	50	10.0	62	12.4	55	11.1	11.6	
Sedgwick.....	3,400	8.1	3,442	8.1	3,434	7.8	3,640	8.1	3,477	7.7	8.0	
Seward.....	131	6.8	122	6.1	138	6.8	131	6.6	124	6.2	6.5	
Shawnee.....	1,630	9.9	1,658	10.1	1,580	9.6	1,617	9.8	1,721	10.1	9.9	
Sheridan.....	34	12.0	33	12.0	35	12.7	26	9.5	41	15.3	12.3	
Sherman.....	42	6.3	77	11.4	70	10.6	72	11.1	77	11.8	10.2	
Smith.....	75	15.7	82	17.3	84	18.0	70	15.3	81	17.7	16.8	
Stafford.....	75	14.4	78	15.2	91	17.8	82	16.4	70	14.0	15.6	
Stanton.....	17	7.3	16	7.0	18	7.7	23	10.2	18	8.1	8.1	
Stevens.....	40	7.6	47	8.8	53	9.8	37	6.9	38	7.0	8.0	
Sumner.....	300	11.3	277	10.3	298	11.0	297	11.0	292	10.7	10.9	
Thomas.....	74	8.9	92	11.0	84	10.3	75	9.3	81	10.2	9.9	
Trego.....	49	14.2	54	15.7	51	15.3	49	14.9	60	18.4	15.7	
Wabaunsee.....	53	8.0	64	9.6	61	9.1	80	12.0	80	12.2	10.2	
Wallace.....	25	13.9	18	9.9	21	11.7	17	9.4	20	11.1	11.2	
Washington.....	115	16.8	96	14.2	102	15.5	93	14.3	98	15.1	15.2	
Wichita.....	18	6.3	26	9.5	11	4.1	23	8.7	22	8.5	7.4	
Wilson.....	135	13.1	158	15.3	151	14.7	148	14.5	152	14.7	14.5	
Woodson.....	69	17.3	59	14.8	55	13.8	61	15.3	59	15.1	15.3	
Wyandotte.....	1,697	11.0	1,706	11.1	1,640	10.7	1,496	9.8	1,624	10.7	10.7	

*Rate per 1,000 population

Table 36
Deaths By Number And Rate*
By City Of Residence
Kansas, 1995-1999

City of Residence	Year										5-Year Rate	
	1995		1996		1997		1998		1999			
	Number	Rate										
Abilene.....	101	15.3	89	13.7	97	14.9	101	15.5	108	16.6	15.2	
Andover.....	42	9.1	45	9.6	45	9.4	38	7.6	53	10.6	9.3	
Anthony.....	53	23.0	44	19.1	47	20.4	29	12.6	42	19.1	18.8	
Arkansas City.....	196	15.3	160	12.5	159	12.5	158	12.5	171	13.4	13.2	
Atchison.....	144	14.1	129	12.6	135	13.1	160	15.1	148	14.0	13.8	
Augusta.....	108	12.0	110	12.0	112	11.9	111	11.6	109	11.1	11.7	
Baldwin City.....	30	9.4	26	7.9	34	10.3	36	10.6	15	4.2	8.5	
Baxter Springs.....	63	13.7	56	12.2	62	13.5	68	14.8	69	15.0	13.8	
Belleview.....	60	25.0	71	29.6	41	17.1	67	27.9	60	26.1	25.1	
Beloit.....	68	17.0	81	20.3	72	18.0	65	16.7	63	16.2	17.6	
Bonner Springs.....	62	10.2	70	11.5	55	9.2	47	7.8	68	11.3	10.0	
Burlington.....	42	15.0	34	12.1	35	12.5	39	13.9	26	9.3	12.6	
Chanute.....	161	16.9	144	15.3	128	13.6	133	14.3	124	13.3	14.7	
Cherryvale.....	41	17.1	37	15.4	42	17.5	39	16.3	39	17.0	16.7	
Clay Center.....	91	19.4	83	17.7	93	20.2	71	15.4	75	16.7	17.9	
Coffeyville.....	194	15.5	180	14.4	191	15.4	180	14.6	165	13.5	14.7	
Colby.....	55	10.2	74	13.7	66	12.5	55	10.4	69	13.3	12.0	
Columbus.....	43	12.6	58	17.1	54	15.9	47	13.8	64	18.8	15.6	
Concordia.....	98	16.6	107	18.8	83	14.6	103	18.4	92	16.4	17.0	
Derby.....	88	5.8	123	8.0	118	7.4	129	7.9	126	7.7	7.4	
Dodge City.....	183	8.2	174	7.7	192	8.5	185	8.2	202	8.9	8.3	
Edwardsville.....	46	12.1	56	14.7	53	14.3	56	15.1	62	16.8	14.6	
El Dorado.....	169	12.9	150	11.1	141	10.3	149	10.6	170	11.9	11.4	
Ellinwood.....	37	16.1	35	15.9	26	11.8	21	9.5	27	11.7	13.0	
Emporia.....	195	7.6	263	10.4	242	9.7	220	8.8	222	9.0	9.1	
Eudora.....	33	10.3	39	11.8	28	8.5	54	15.9	46	12.8	11.9	
Eureka.....	48	16.0	72	23.2	73	24.3	73	23.5	68	22.7	21.9	
Fairway.....	37	7.9	20	4.2	37	7.6	29	5.8	31	6.0	6.3	
Fort Scott.....	143	17.0	160	18.8	137	16.1	153	18.0	140	16.7	17.3	
Fredonia.....	32	12.3	50	19.2	44	16.9	54	20.8	50	19.2	17.7	
Frontenac.....	40	14.8	42	16.2	36	13.8	52	20.0	35	13.5	15.7	
Galena.....	61	17.4	62	17.7	63	18.0	51	14.6	42	12.0	15.9	
Garden City.....	163	6.4	169	6.5	163	6.2	178	6.7	165	6.0	6.4	
Garnett.....	79	23.9	50	15.2	58	17.6	63	19.1	44	13.3	17.8	
Girard.....	50	17.2	51	17.6	50	17.9	47	16.2	52	17.9	17.4	
Goodland.....	36	7.5	61	12.7	61	13.0	66	14.0	58	12.3	11.9	
Great Bend.....	192	12.8	162	10.9	168	11.4	190	13.1	214	14.3	12.5	
Hays.....	147	8.2	152	8.5	151	8.4	170	9.4	166	9.2	8.7	
Haysville.....	52	6.0	66	7.5	72	7.9	73	7.8	91	9.7	7.8	
Herington.....	39	13.9	45	16.1	36	12.9	64	22.9	53	18.9	16.9	
Hesston.....	22	7.3	29	9.7	41	13.2	51	15.5	49	14.8	12.1	
Hiawatha.....	56	15.6	69	19.2	62	17.2	52	14.4	52	14.9	16.3	
Hillsboro.....	59	21.9	44	16.3	47	17.4	40	13.8	43	15.4	17.0	
Hoisington.....	41	13.2	50	16.7	37	12.3	41	13.7	40	12.9	13.8	
Holton.....	67	20.3	60	18.2	66	20.0	65	19.1	68	20.0	19.5	
Hugoton.....	27	8.2	35	10.3	39	11.5	28	8.2	27	7.9	9.2	
Hutchinson.....	447	11.2	415	10.5	409	10.3	486	12.2	484	12.1	11.3	
Independence.....	141	14.5	149	15.5	135	14.2	133	14.0	142	15.1	14.7	
Iola.....	92	14.4	91	14.2	90	14.3	86	13.7	94	14.9	14.3	
Junction City.....	190	9.5	153	8.6	149	8.7	192	11.2	190	11.2	9.8	
Kansas City.....	1,578	11.1	1,567	11.1	1,517	10.8	1,371	9.7	1,485	10.6	10.7	

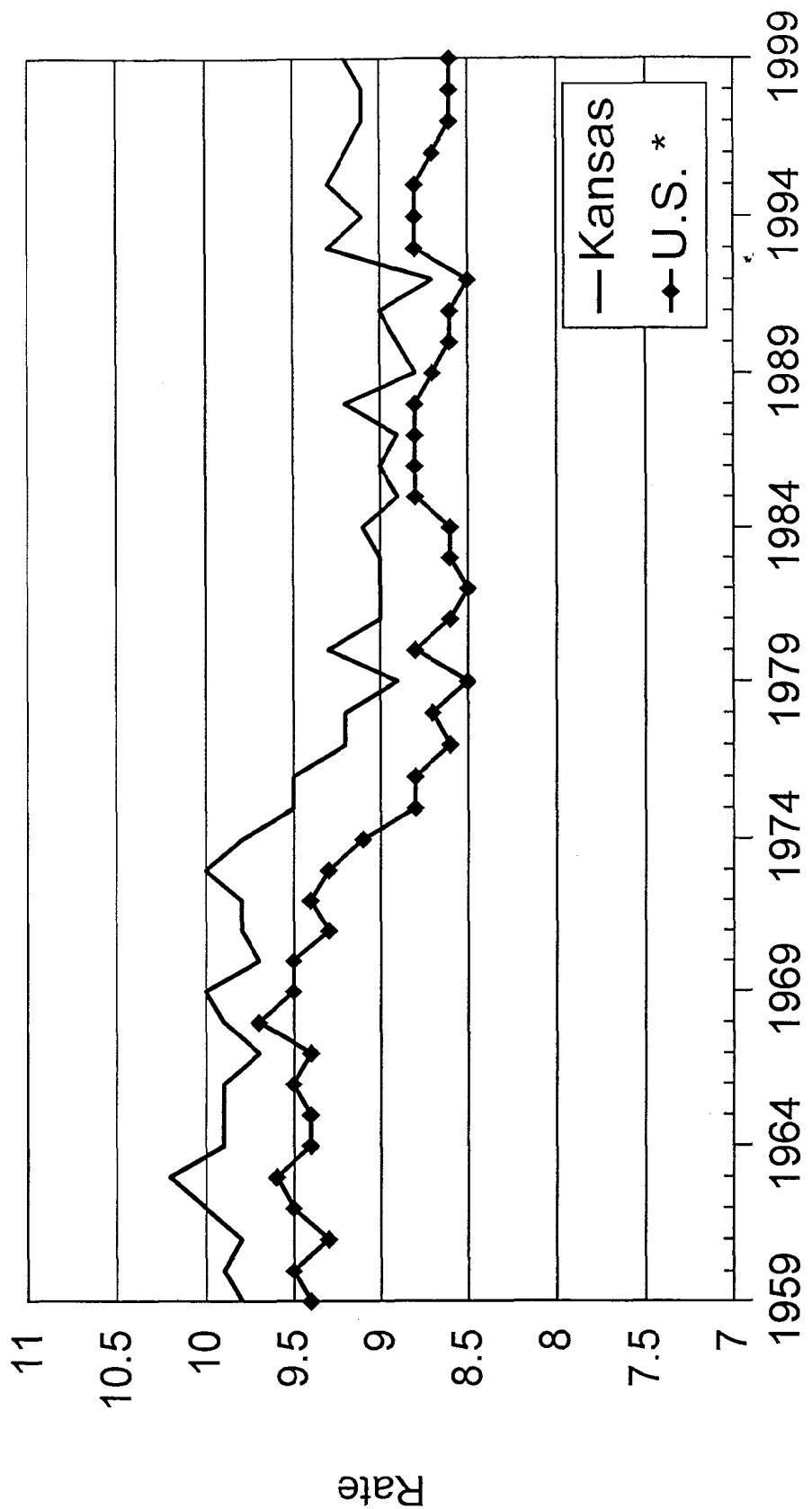
Table 36
Deaths By Number And Rate*
By City Of Residence
Kansas, 1995-1999

City of Residence	Year										5-Year Rate	
	1995		1996		1997		1998		1999			
	Number	Rate										
Kingman.....	50	15.2	55	16.7	59	17.9	42	12.7	72	21.8	16.9	
Lansing.....	53	6.9	47	6.1	56	7.2	61	7.7	56	7.1	7.0	
Larned.....	59	13.1	55	12.5	62	14.4	59	13.4	70	16.3	13.9	
Lawrence.....	368	5.2	388	5.4	316	4.3	360	4.8	371	4.7	4.9	
Leavenworth.....	276	6.7	284	6.8	288	6.9	280	6.6	297	6.9	6.8	
Leawood.....	117	5.3	130	5.8	120	5.2	144	6.1	161	6.6	5.8	
Lenexa.....	209	5.4	230	5.9	176	4.4	199	4.8	246	5.8	5.3	
Liberal.....	118	6.9	112	6.3	118	6.6	117	6.6	112	6.3	6.5	
Lindsborg.....	33	10.6	34	11.0	43	13.9	57	17.8	55	16.7	14.0	
Lyons.....	47	13.4	56	16.0	54	15.4	58	16.1	60	16.7	15.5	
Manhattan.....	216	5.5	225	6.0	192	5.2	191	5.1	238	6.4	5.6	
Marysville.....	62	18.2	74	23.1	62	19.4	57	17.8	58	18.7	19.4	
McPherson.....	113	9.1	108	8.6	130	10.3	120	9.2	137	10.5	9.5	
Medicine Lodge.....	33	14.3	45	19.6	44	19.1	44	20.0	39	17.7	18.1	
Merriam.....	92	6.9	92	6.8	100	7.2	95	6.6	92	6.3	6.8	
Mission.....	63	5.9	73	6.7	77	6.9	88	7.7	78	6.6	6.8	
Mission Hills.....	18	4.6	25	6.3	18	4.4	24	5.7	19	4.4	5.1	
Mulvane	52	10.6	55	11.2	48	9.4	56	10.8	48	9.2	10.2	
Neodesha.....	64	22.9	57	19.7	66	23.6	49	17.5	51	17.6	20.3	
Newton.....	177	10.5	182	10.8	200	11.8	192	10.4	197	10.7	10.8	
Norton.....	41	14.1	52	17.9	48	16.0	57	19.7	62	21.4	17.8	
Olathe.....	328	4.6	328	4.5	323	4.3	371	4.8	398	5.1	4.7	
Osage City.....	26	8.7	27	9.3	30	10.0	34	11.3	51	17.0	11.3	
Osawatomie.....	47	9.6	76	14.9	59	11.6	80	15.4	60	11.3	12.6	
Ottawa.....	144	12.9	157	13.8	158	13.7	173	14.4	143	11.7	13.3	
Overland Park.....	793	6.3	791	6.2	790	6.0	844	6.2	938	6.8	6.3	
Paola.....	71	14.2	54	10.4	80	15.4	70	13.2	62	11.5	12.9	
Parsons.....	147	12.8	167	14.5	180	15.7	173	14.9	148	12.9	14.2	
Phillipsburg.....	53	19.6	45	16.7	41	15.8	38	14.6	42	16.2	16.6	
Pittsburg.....	243	13.4	221	12.1	241	13.4	224	12.3	223	12.3	12.7	
Plainville.....	37	17.6	36	17.1	43	20.5	26	13.0	37	18.5	17.3	
Prairie Village.....	188	7.2	197	7.4	201	7.4	193	6.9	201	7.0	7.2	
Pratt.....	84	12.5	101	15.1	88	13.1	93	13.9	89	13.5	13.6	
Roeland Park.....	52	6.0	46	5.2	43	4.7	47	5.1	55	5.7	5.3	
Russell.....	93	19.8	61	13.0	75	16.0	60	13.0	70	15.2	15.4	
Salina.....	410	9.2	454	10.2	480	10.8	455	10.3	445	10.1	10.1	
Scott City.....	43	11.9	57	15.8	44	12.2	50	13.9	51	14.6	13.7	
Shawnee.....	244	5.7	230	5.3	246	5.5	231	5.0	265	5.6	5.4	
Topeka.....	1,446	11.8	1,450	11.8	1,403	11.4	1,399	11.4	1,477	11.6	11.6	
Ulysses.....	42	7.0	40	6.8	52	8.7	48	7.9	40	6.7	7.4	
Valley Center.....	28	7.4	30	7.9	33	8.5	46	11.5	34	8.3	8.7	
Wamego.....	44	11.0	44	10.7	40	9.5	50	11.6	46	10.5	10.7	
Wellington.....	103	12.0	111	12.6	111	12.6	96	10.9	111	12.6	12.1	
Wichita.....	2,972	9.4	2,921	9.2	2,916	8.8	3,081	9.1	2,918	8.6	9.0	
Winfield.....	164	13.7	147	12.3	150	12.6	158	13.5	188	15.8	13.6	

*Rate per 1,000 population

Death Rates

Kansas and the U.S., 1959-1999



* 1999 Provisional Rate Represents
12-Months Ending in Oct.
Rate per 1,000 Population
Residence Data

Figure 31

Table 37
Age-Specific Death Rates* By Sex
Kansas, 1990-1999

Age-Group and Sex										
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Both Sexes										
Total.....	8.9	9.0	8.7	9.2	9.0	9.2	9.2	9.0	9.1	9.2
Under 1.....	8.4	9.1	8.9	8.9	7.8	7.1	8.4	7.5	7.1	7.5
1-4.....	0.4	0.5	0.5	0.4	0.4	0.4	0.5	0.4	0.4	0.4
5-14.....	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2
15-24.....	0.9	1.0	0.9	0.9	1.0	0.9	1.0	0.9	0.9	0.8
25-34.....	1.0	1.2	1.0	1.1	1.2	1.1	1.1	1.0	1.0	1.0
35-44.....	1.5	1.6	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.6
45-54.....	3.9	4.0	3.8	3.7	3.7	3.9	3.5	3.7	3.6	3.8
55-64.....	10.6	10.6	10.0	10.4	9.6	9.8	10.1	9.7	9.4	9.9
65-74.....	24.1	24.4	23.4	24.5	24.1	24.5	24.4	23.4	23.7	24.0
75-84.....	56.7	55.0	53.6	57.2	55.5	55.9	54.2	54.4	54.1	54.7
85 and over.....	149.7	144.9	142.8	153.3	150.2	154.9	153.4	152.3	154.3	154.2
Male.....	9.2	9.2	8.8	9.3	9.0	9.2	9.1	9.1	8.9	8.9
Under 1.....	9.4	10.5	9.8	9.0	9.0	7.7	9.4	8.3	7.7	8.7
1-4.....	0.6	0.6	0.5	0.5	0.4	0.5	0.5	0.6	0.5	0.5
5-14.....	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.2	0.3	0.2
15-24.....	1.3	1.3	1.2	1.3	1.4	1.2	1.4	1.3	1.3	1.2
25-34.....	1.4	1.6	1.4	1.6	1.8	1.6	1.6	1.4	1.5	1.3
35-44.....	2.0	2.1	2.2	2.1	2.1	2.3	2.3	2.0	2.2	2.0
45-54.....	4.8	4.9	4.8	4.7	4.7	4.9	4.3	4.7	4.6	4.6
55-64.....	13.9	13.8	13.0	13.1	12.2	12.3	12.3	12.3	11.5	11.9
65-74.....	32.0	32.5	30.9	32.0	31.6	30.7	30.8	30.3	30.3	30.5
75-84.....	75.5	74.7	69.1	75.9	70.2	73.4	70.3	71.0	68.0	67.8
85 and over.....	181.3	172.1	171.4	179.9	176.6	179.4	178.3	175.1	173.6	170.2
Female.....	8.7	8.7	8.7	9.2	9.1	9.3	9.2	9.0	9.2	9.4
Under 1.....	7.4	7.6	8.0	8.8	6.6	6.5	7.4	6.7	6.4	6.3
1-4.....	0.3	0.4	0.5	0.3	0.4	0.3	0.5	0.2	0.4	0.4
5-14.....	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
15-24.....	0.4	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
25-34.....	0.5	0.7	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.7
35-44.....	0.9	1.1	1.1	1.2	1.2	1.0	1.1	1.3	1.1	1.2
45-54.....	2.9	3.1	2.9	2.8	2.9	3.0	2.7	2.6	2.6	2.9
55-64.....	7.6	7.7	7.2	7.8	7.3	7.4	8.0	7.2	7.3	8.0
65-74.....	17.7	17.9	17.3	18.5	18.0	19.4	19.2	17.6	18.2	18.7
75-84.....	45.4	43.1	44.2	45.6	46.4	44.9	43.9	43.7	45.1	46.0
85 and over.....	137.7	134.6	131.9	143.1	140.0	145.3	143.5	143.1	146.4	147.5

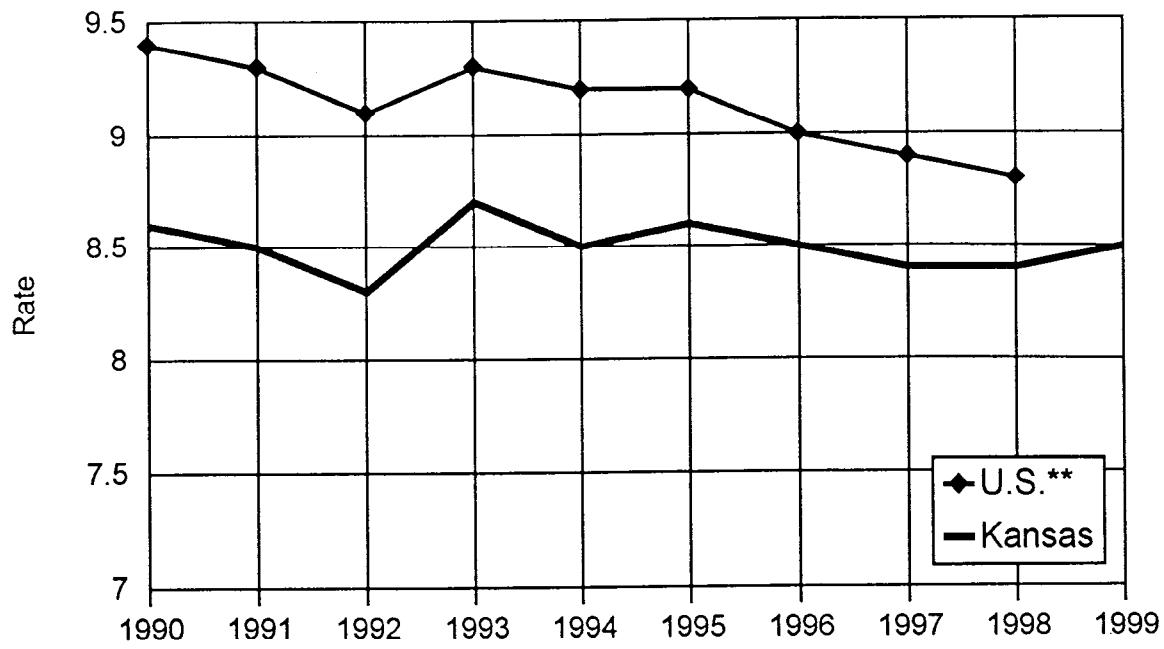
*Rate per 1,000 age-group population

Rates may differ from those previously published because they have been recalculated using current U.S. Census Bureau estimates (Internet release date 3/9/2000).

Residence data

Age-Adjusted Death Rates*

Kansas and the U.S., 1990-1999



*Rate per 1,000 Standard
U.S. 2000 Population

** Rates are provisional
1999 Rate Not Available
Residence Data

Figure 32

Table 38
Age-Adjusted Death Rates* By Sex
Kansas And The U.S., 1990-1999

Year	Kansas			U.S.**		
	Total	Male	Female	Total	Male	Female
1990.....	8.6	11.1	6.8	9.4	12.0	7.5
1991.....	8.5	11.0	6.8	9.3	11.8	7.4
1992.....	8.3	10.5	6.7	9.1	11.6	7.3
1993.....	8.7	11.0	7.1	9.3	11.8	7.5
1994.....	8.5	10.6	7.0	9.2	11.6	7.5
1995.....	8.6	10.8	7.1	9.2	11.5	7.5
1996.....	8.5	10.6	7.0	9.0	11.2	7.4
1997.....	8.4	10.5	6.8	8.9	10.9	7.4
1998.....	8.4	10.3	6.9	8.8	10.6	7.3
1999.....	8.5	10.2	7.2	n.a.	n.a.	n.a.

* Rate per 1,000 standard U.S. 2000 population (see Technical Notes)

Rates will differ from those previously published because they have
been recalculated using the 2000 U.S. standard population.

** Rates are provisional.
Residence data

Average Age At Death By County Of Residence Kansas, 1999

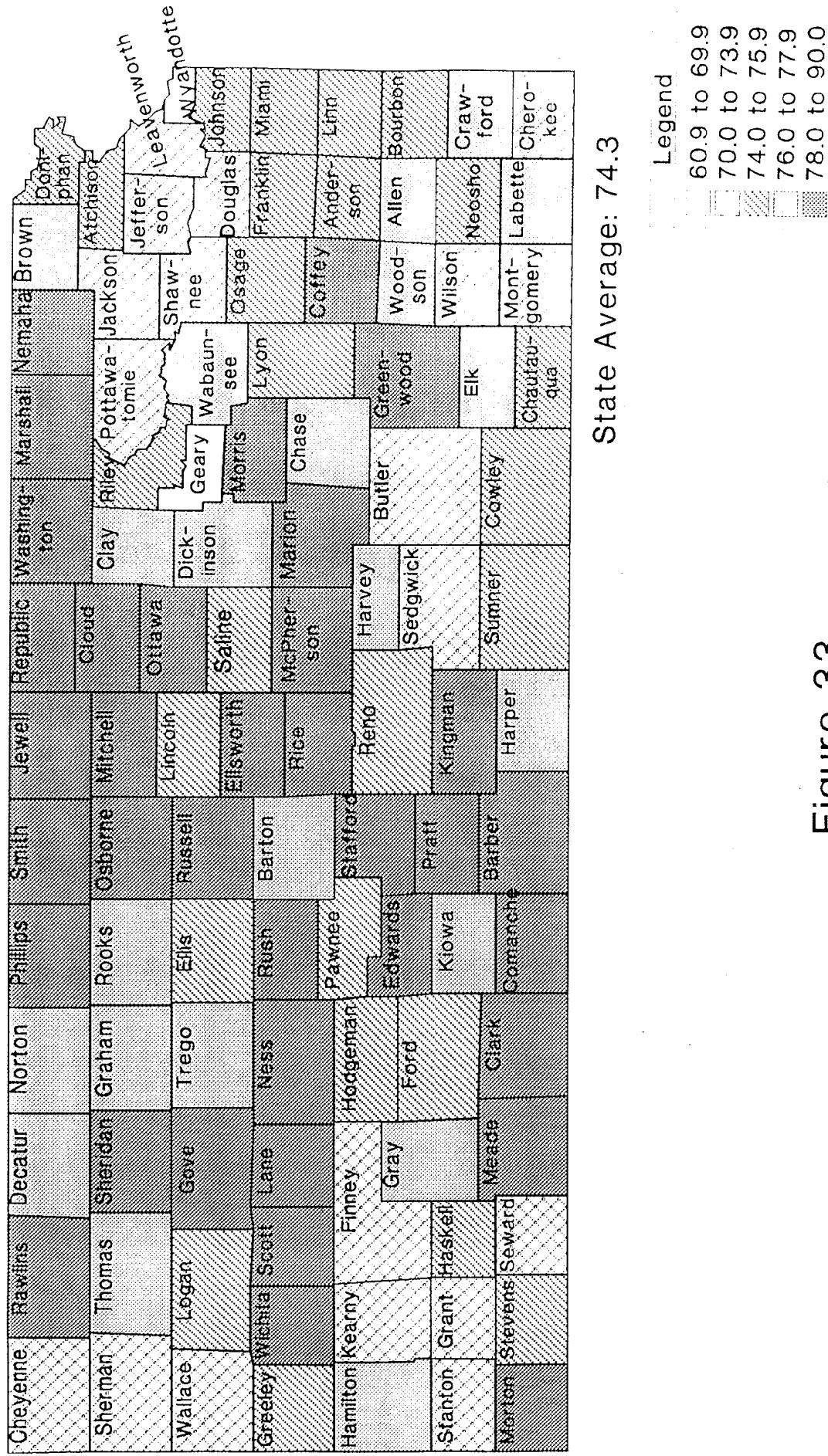


Figure 33

Table 39
Deaths By Age-Group And Average Age At Death
By County Of Residence
Kansas, 1999

County of Residence	Total	Age-Group											Average Age At Death	
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and over		
Kansas.....	24,380	281	62	78	327	335	703	1,289	2,172	4,205	6,962	7,965	1	74.3
Allen.....	195	1	-	1	1	1	3	12	16	36	65	59	-	76.0
Anderson.....	91	1	-	2	1	2	1	8	8	8	27	33	-	74.4
Atchison.....	190	2	1	-	3	-	3	11	16	36	57	61	-	75.0
Barber.....	74	-	-	-	3	-	1	3	2	7	29	29	-	78.3
Barton.....	350	1	-	-	3	3	13	11	19	60	122	118	-	77.1
Bourbon.....	196	2	-	2	2	1	5	10	18	27	52	77	-	75.7
Brown.....	134	1	-	-	2	-	1	6	12	25	34	53	-	77.8
Butler.....	512	4	1	1	7	9	18	34	45	96	140	157	-	73.6
Chase.....	53	-	-	-	-	1	2	2	8	5	13	22	-	77.3
Chautauqua.....	56	-	1	-	3	-	-	2	4	9	16	21	-	74.1
Cherokee.....	259	3	-	-	3	5	6	14	30	55	73	70	-	73.1
Cheyenne.....	33	-	-	1	1	1	1	2	1	6	11	9	-	72.2
Clark.....	37	-	-	-	1	-	1	2	2	4	11	16	-	78.2
Clay.....	117	1	-	-	2	2	1	3	8	15	39	46	-	77.5
Cloud.....	150	-	1	-	2	1	1	3	13	28	36	65	-	78.5
Coffey.....	84	-	-	-	-	-	3	3	5	11	32	30	-	78.4
Comanche.....	40	-	-	-	1	-	-	2	3	2	11	21	-	80.8
Cowley.....	475	4	3	-	8	6	14	25	40	87	123	165	-	74.7
Crawford.....	456	4	-	1	6	9	7	24	29	74	130	172	-	76.2
Decatur.....	49	-	-	-	-	1	2	1	2	11	16	16	-	76.9
Dickinson.....	274	1	1	-	5	4	6	6	22	38	73	118	-	77.9
Doniphan.....	82	-	-	1	1	-	3	2	6	13	37	19	-	74.7
Douglas.....	498	3	-	3	9	12	13	36	50	87	128	157	-	72.7
Edwards.....	56	-	-	-	2	-	2	1	1	4	25	21	-	78.3
Elk.....	65	-	-	-	1	-	-	5	6	13	17	23	-	76.9
Ellis.....	241	4	-	1	3	7	5	7	15	45	84	70	-	74.4
Ellsworth.....	70	1	-	-	-	-	-	1	8	9	15	36	-	80.7
Finney.....	193	1	3	3	2	5	7	20	15	29	45	63	-	71.0
Ford.....	274	5	1	1	5	2	11	9	21	46	80	93	-	74.6
Franklin.....	231	3	-	1	4	2	7	10	20	33	66	85	-	75.5
Geary.....	229	15	-	1	6	5	8	9	32	48	59	46	-	66.4
Gove.....	48	-	-	-	1	1	-	-	1	13	13	19	-	78.8
Graham.....	38	-	-	-	-	-	2	1	3	4	15	13	-	77.7
Grant.....	51	2	-	-	2	-	2	2	5	7	15	16	-	71.6
Gray.....	34	-	-	-	-	1	1	2	2	3	13	12	-	76.3
Greeley.....	13	-	-	-	-	-	1	-	1	4	5	2	-	74.9
Greenwood.....	136	-	1	-	-	-	2	4	7	22	30	70	-	81.4
Hamilton.....	32	-	-	-	1	-	1	2	3	4	11	10	-	76.4
Harper.....	108	-	-	-	2	-	-	8	7	22	29	40	-	77.6
Harvey.....	353	1	-	1	4	6	10	7	20	52	122	130	-	77.6
Haskell.....	38	-	-	-	1	-	-	2	3	6	18	8	-	75.8
Hodgeman.....	25	-	-	1	-	-	1	-	2	3	9	9	-	75.9
Jackson.....	144	6	1	1	1	1	3	4	16	18	36	57	-	73.9
Jefferson.....	166	-	1	1	5	2	2	9	17	36	38	55	-	73.7
Jewell.....	66	-	-	-	-	-	1	2	8	10	14	31	-	79.4
Johnson.....	2,689	34	4	4	22	35	87	152	226	445	799	881	-	74.6
Kearny.....	46	-	-	1	1	1	2	4	1	12	12	14	-	72.7
Kingman.....	122	-	-	-	3	2	-	1	9	18	45	44	-	78.3
Kiowa.....	45	-	-	-	-	2	2	1	4	4	15	17	-	76.2
Labette.....	276	2	-	-	2	3	4	14	26	43	77	105	-	76.8
Lane.....	35	-	-	-	-	-	1	1	4	3	13	13	-	78.3
Leavenworth.....	518	6	2	2	4	7	20	32	58	113	133	141	-	72.5
Lincoln.....	48	1	-	-	1	-	3	3	-	12	10	18	-	74.6
Linn.....	130	2	-	-	3	-	1	9	10	29	32	43	1	74.7
Logan.....	37	-	-	-	2	-	-	-	3	11	8	13	-	75.2

Table 39
Deaths By Age-Group And Average Age At Death
By County Of Residence
Kansas, 1999

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County of Residence	Total	Age-Group												Average Age At Death
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and over	N.S.	
Lyon.....	280	1	1	1	5	5	10	16	20	39	81	101	-	75.3
Marion.....	188	1	-	1	1	-	2	8	10	31	55	79	-	79.0
Marshall.....	155	-	-	-	2	-	4	5	7	24	45	68	-	79.4
McPherson.....	336	1	3	2	1	1	5	10	22	44	98	149	-	78.9
Meade.....	53	-	-	-	-	1	1	2	5	8	12	24	-	78.4
Miami.....	228	2	-	-	4	-	10	13	17	39	74	69	-	74.7
Mitchell.....	100	-	-	1	-	1	-	2	10	9	33	44	-	79.8
Montgomery.....	472	5	4	5	4	5	16	23	45	78	145	142	-	73.6
Morris.....	75	1	-	-	-	-	1	2	8	10	22	31	-	79.1
Morton.....	22	-	-	-	-	1	-	1	-	5	4	11	-	79.9
Nemaha.....	138	1	-	1	-	2	2	4	4	21	38	65	-	80.0
Neosho.....	205	2	-	2	6	-	3	12	19	41	57	63	-	74.1
Ness.....	39	-	-	-	-	-	1	-	2	8	12	16	-	80.1
Norton.....	83	1	-	-	1	3	2	2	2	14	25	33	-	77.0
Osage.....	181	1	-	-	1	4	4	9	15	39	47	61	-	75.4
Osborne.....	79	-	-	-	1	-	-	6	3	7	23	39	-	80.6
Ottawa.....	95	1	-	-	-	-	-	5	7	18	23	41	-	79.3
Pawnee.....	85	-	1	-	2	1	-	4	12	9	24	32	-	75.8
Phillips.....	83	-	-	-	-	-	2	6	4	19	20	32	-	78.2
Pottawatomie.....	176	3	1	-	3	4	10	5	14	29	48	59	-	73.0
Pratt.....	115	-	-	1	-	5	-	3	6	20	32	48	-	78.0
Rawlins.....	42	-	-	-	1	-	-	-	5	6	12	18	-	79.8
Reno.....	697	5	1	5	4	8	11	32	71	110	208	242	-	75.7
Republic.....	107	-	-	1	2	-	3	4	3	16	33	45	-	78.1
Rice.....	132	1	-	-	-	2	3	2	12	14	49	49	-	78.6
Riley.....	323	4	1	2	11	4	9	18	26	42	80	126	-	74.2
Rooks.....	83	-	-	1	3	1	-	3	4	11	28	32	-	76.8
Rush.....	60	-	-	-	-	-	1	1	2	10	14	32	-	82.5
Russell.....	114	-	-	-	2	-	1	2	10	25	31	43	-	78.2
Saline.....	480	6	2	-	3	5	13	20	49	95	131	156	-	74.6
Scott.....	55	-	-	-	-	2	-	5	4	4	19	21	-	78.1
Sedgwick.....	3,477	62	17	13	42	65	146	233	360	610	1037	892	-	71.3
Seward.....	124	5	-	-	1	5	4	6	8	21	40	34	-	71.2
Shawnee.....	1,721	30	-	5	34	25	56	108	184	343	431	505	-	72.2
Sheridan.....	41	-	-	-	-	-	-	3	1	5	11	21	-	81.8
Sherman.....	77	-	-	1	-	-	4	5	11	13	19	24	-	73.6
Smith.....	81	-	-	-	-	1	-	-	8	12	19	41	-	81.8
Stafford.....	70	-	-	-	-	-	-	-	7	10	19	34	-	81.8
Stanton.....	18	-	-	-	-	1	-	1	3	4	6	3	-	71.3
Stevens.....	38	1	-	-	1	-	-	-	4	9	9	14	-	75.0
Sumner.....	292	-	1	-	8	2	6	16	23	49	86	101	-	75.6
Thomas.....	81	3	-	-	-	-	2	3	8	11	20	34	-	76.5
Trego.....	60	-	-	-	2	1	-	4	5	6	14	28	-	77.2
Wabaunsee.....	80	-	1	-	-	1	1	7	6	15	18	31	-	76.5
Wallace.....	20	-	-	1	-	1	-	1	1	5	6	5	-	71.0
Washington.....	98	-	-	-	-	1	1	3	10	19	21	43	-	79.6
Wichita.....	22	-	-	-	-	-	-	1	1	6	6	8	-	78.7
Wilson.....	152	1	-	2	2	5	3	9	7	30	49	44	-	73.5
Woodson.....	59	-	-	-	-	1	-	4	9	11	13	21	-	76.0
Wyandotte.....	1,624	32	8	3	38	31	75	116	185	320	437	379	-	69.5

Table 40
Deaths By Race And Sex By Age-Group And Average Age At Death
Kansas, 1999

Race and Sex	Total	Age-Group										N.S.	Average Age At Death	
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84			
All Races.....	24,380	281	62	78	327	335	703	1,289	2,172	4,205	6,962	7,965	1	74.3
Male.....	11,666	167	36	45	236	223	441	785	1,260	2,417	3,449	2,607	-	70.4
Female.....	12,714	114	26	33	91	112	262	504	912	1,788	3,513	5,358	1	77.9
White.....	22,975	230	48	68	268	291	625	1,129	1,977	3,958	6,656	7,724	1	75.0
Male.....	10,943	139	27	38	194	192	395	694	1,150	2,285	3,309	2,520	-	71.1
Female.....	12,032	91	21	30	74	99	230	435	827	1,673	3,347	5,204	1	78.5
Black.....	1,189	42	14	8	52	35	65	133	160	206	259	215	-	63.3
Male.....	619	22	9	6	38	27	37	74	92	114	121	79	-	59.5
Female.....	570	20	5	2	14	8	28	59	68	92	138	136	-	67.5
Other....	209	8	-	2	7	9	11	26	35	40	45	26	-	62.3
Male.....	101	5	-	1	4	4	8	17	18	18	18	8	-	58.4
Female.....	108	3	-	1	3	5	3	9	17	22	27	18	-	65.8
Not Stated.....	7	1	-	-	-	-	-	2	1	-	1	2	-	50.9
Male.....	3	1	-	-	-	-	-	1	-	-	1	-	-	37.7
Female.....	4	-	-	-	-	-	-	1	-	-	1	-	-	60.8

Residence data